

INTERNATIONAL SEARCH REPORT

Inter nal Application No
PCT/GB2004/004768

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B08B9/043 B08B9/045 C23C16/44

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B08B C23C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 263 535 B1 (WANG) 24 July 2001 (2001-07-24) abstract column 1, line 5 - column 3, line 5 figures -----	1-6,8, 10-17
Y	US 5 935 283 A (SWEENEY ET AL) 10 August 1999 (1999-08-10) abstract column 1, line 15 - line 66 column 2, line 25 - line 67 column 5, line 43 - column 7, line 63 column 8, line 12 - column 9, line 50 column 10, line 7 - column 11, line 19 figures ----- -/-	1-6,8, 10-17

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

21 February 2005

Date of mailing of the International search report

08/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

van der Zee, W

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/004768

C(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 91/03328 A (C.V.D. SYSTEM CLEANERS CORPORATION ET AL) 21 March 1991 (1991-03-21) abstract page 1, line 2 - line 6 page 5, line 5 - page 9, line 28 page 10, line 19 - page 11, line 29 page 13, line 1 - page 14, line 17 figures -----	1,3,4,6, 8,10-17
A	US 6 090 208 A (HAN) 18 July 2000 (2000-07-18) abstract column 1, line 8 - line 56 column 2, line 55 - column 3, line 11 column 4, line 19 - column 5, line 28 column 5, line 57 - column 6, line 11 column 6, line 51 - column 7, line 8 figures -----	1,3-5, 15-17
A	GB 2 342 372 A (HEAD) 12 April 2000 (2000-04-12) abstract page 1, line 3 - line 5 page 3, line 14 - page 5, line 17 page 6, line 4 - line 6 page 7, line 5 - line 22 figures -----	1,6-8, 10,15-17
A	GB 1 123 741 A (SVENSKA CARBON BLACK AKTIEBOLAGET) 14 August 1968 (1968-08-14) page 1, line 41 - page 2, line 59 figures -----	1,6-9, 11-17
A	US 5 659 915 A (DHINGRA ET AL) 26 August 1997 (1997-08-26) abstract column 1, line 10 - line 12 column 2, line 1 - line 9 column 2, line 42 - column 3, line 21 figures -----	1,2,4,6, 8-12, 15-17
P,A	US 2003/217763 A1 (CHANG ET AL) 27 November 2003 (2003-11-27) abstract paragraph '0002! - paragraph '0006! paragraph '0015! - paragraph '0020! figures -----	1,5,6,8, 15-17

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2004/004768

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 6263535	B1	24-07-2001	TW	493477 Y		01-07-2002
US 5935283	A	10-08-1999	US	5846275 A		08-12-1998
			EP	0954366 A1		10-11-1999
			JP	2001502604 T		27-02-2001
			TW	442842 B		23-06-2001
			TW	473809 B		21-01-2002
			WO	9829181 A1		09-07-1998
			WO	9829178 A1		09-07-1998
			US	6759018 B1		06-07-2004
			US	2004101460 A1		27-05-2004
			US	2004213721 A1		28-10-2004
WO 9103328	A	21-03-1991	AT	122938 T		15-06-1995
			AU	644607 B2		16-12-1993
			AU	6429690 A		08-04-1991
			CA	2065329 A1		01-03-1991
			DE	69019751 D1		29-06-1995
			DE	69019751 T2		07-12-1995
			EP	0489862 A1		17-06-1992
			JP	4507374 T		24-12-1992
			WO	9103328 A1		21-03-1991
			US	5109562 A		05-05-1992
			US	5286301 A		15-02-1994
US 6090208	A	18-07-2000	US	5817575 A		06-10-1998
GB 2342372	A	12-04-2000	NONE			
GB 1123741	A	14-08-1968	SE	311057 B		27-05-1969
			AT	277178 B		10-12-1969
			BE	676378 A		11-08-1966
			BE	692223 A		05-07-1967
			CH	472016 A		30-04-1969
			FR	1468099 A		03-02-1967
			FR	91576 E		05-07-1968
			GB	1155694 A		18-06-1969
			NL	6601693 A		15-08-1966
			NL	6700010 A		10-07-1967
			NO	117131 B		07-07-1969
			US	3410335 A		12-11-1968
			AT	269086 B		10-03-1969
US 5659915	A	26-08-1997	NONE			
US 2003217763	A1	27-11-2003	NONE			